

HIGH-PERFORMANCE, LOW OPERATING COSTS, POWERFUL RESULTS



4.3" Colour Navigation Panel makes operation simple with an informative graphical user interface.

Help improve your organization's productivity, efficiency, and bottom line with the Sharp MXC400P and MXB400P workgroup laser printers. Offered in both full colour and monochrome versions, these new additions to the Sharp Frontier product line provide high-performance and professional quality output combined with low cost-per-print operation to help control day-to-day expenses. Built with the same dynamic architecture as Sharp's line of award-winning Frontier MFPs—and sharing common options and supplies with these products—the MXC400P and MXB400P will integrate easily into your existing workgroup configuration. The MXC400P delivers rich, vibrant colour prints, while the MXB400P produces crisp black and white output—all at an impressive speed of 40 pages per minute. A high-resolution, colour LCD Screen with graphical user interface simplifies operations. With the latest Sharp OSA® development platform, integration with network software applications has never been easier. And to safeguard the confidentiality of your intellectual property, Sharp's industry-leading Security Suite is second to none.

Advanced features help maximize efficiency, enhance productivity and streamline workflow.

- Professional quality printing at a speed of **40 pages per minute** produces documents quickly and accurately in vivid colour (MXC400P) and in crisp black and white (MXB400P).
- Powerful 1 GHz (MXC400P) and 800 MHz (MXB400P) processors help **enhance performance** and increase productivity in busy work environments.
- High-resolution, colour navigation panel with **informative graphical user interface** makes advanced printing functions easy-to-use.
- Sharp's easy-to-use **Document Filing System** provides a high-capacity 80 GB of hard drive space for fast document storage and retrieval.
- **Convenient Direct Printing** functionality—direct USB memory, network folder, FTP server, printer's Hard Disk Drive, embedded Web Page, and E-mail printing—provides a whole new level of accessibility. Print all of the following file types, without needing to use a print driver: PDF, Encrypted PDF, JPEG, TIFF, PostScript®, XPS, TXT, PCL, and PRN.*
- State-of-the-art Frontier laser printers integrate into existing IT infrastructures with full support of both Windows® and Mac®, as well as other systems such as Linux® and AS400, for **seamless operation**.
- The **optional space-efficient Inner Finisher** not only provides exceptional productivity, but also automates time-consuming tasks such as stapling, sorting, and offset stacking.
- The cutting-edge Sharp **Remote Front Panel** feature allows administrators and help desk professionals to access and control the device from a remote PC workstation.
- Third-generation **Sharp OSA®** development platform enables users to access network applications directly from the device's display panel, helping to control access and enhance usage.
- Sharp's latest **award-winning** document and network **Security Suite** safeguards the confidentiality of your intellectual property through user authentication and more.



MXC400P/MXB400P SPECIFICATIONS

Main Specifications

| | |
|-----------------------------|---|
| MXC400P/ MXB400P | Includes high-performance controller, 80 GB HDD, PCL 6/PostScript® 3 network printing, auto-duplex, 500-sheet paper drawer and 100-sheet bypass. Black (MXC400P/MXB400P) and colour (MXC400P) developer is included in the box. |
| Type (MXC400P) (MXB400P) | Digital Full Colour Workgroup Laser Printer Digital Monochrome Workgroup Laser Printer |
| Display | 4.3 inch colour LCD |
| Print System | Electrophotographic system (laser)/Dry-type dual component developer/Magnetic brush development/OPC drums/Heat roller fusing |
| Printing Gradation | Equivalent to 256 levels |
| Print Area | Entire page excluding margin of $\frac{1}{16}$ " at each edge ¹ |
| Print Size | Min 5 $\frac{1}{2}$ " x 8 $\frac{1}{2}$ ", Max 8 $\frac{1}{2}$ " x 14" |
| Print ratio | 100%/Reduced/Enlarged |
| Print Speed | MXC400P: 40 ppm B&W/Colour (Letter) MXB400P: 40 ppm B&W (Letter) |
| First-Print Time | Colour print time: 8.9 seconds or less Black and white print time: 8.0 seconds or less ² |
| Warm-Up Time | 90 seconds or less ² |
| CPU | MXC400P: Power QUICCIII-MPC8533E/1,000MHz MXB400P: Power QUICCIII-MPC8533E/800MHz |
| Memory | Standard 1 GB (MXC400P) and 512 MB (MXB400P) system memory |
| Hard Disk Drive | 80 GB (38 GB Main Folder) |
| Account Control | Up-to 1000 users. Supports user-number authentication (on device), login name/management, date/character/page stamp (colour), Print, and Document Management |
| Paper Feed System | Standard: 500 sheet paper drawer (Letter/Legal) and 100-sheet bypass tray (Letter/Legal) ³ Optional: Up-to 3 additional 500-sheet paper drawers (Letter/Legal) ³ |
| Output Tray Capacity | 250 sheets (face down) |
| Duplexing | Standard automatic duplex printing |
| Tray full sensor | Yes |
| Power | AC 100-127VAC, 60Hz, 12 AMPS |
| Power Consumption | Maximum: 1.44kW or less |
| Weight | Approx. 97 lbs. (base model) |
| Dimensions | 22 $\frac{3}{16}$ " (W) x 17 $\frac{1}{4}$ " (D) x 24 $\frac{1}{16}$ " (H) 34 $\frac{1}{16}$ " (W) x 17 $\frac{1}{4}$ " (D) x 24 $\frac{1}{16}$ " (H) (when bypass tray is extended) |

Media

| | |
|-------------|---|
| Paper Sizes | Paper drawers: 8 $\frac{1}{2}$ " x 14", 8 $\frac{1}{2}$ " x 13 $\frac{1}{2}$ ", 8 $\frac{1}{2}$ " x 13 $\frac{3}{8}$ ", 8 $\frac{1}{2}$ " x 13", 8 $\frac{1}{2}$ " x 11", 7 $\frac{1}{4}$ " x 10 $\frac{1}{2}$ ", 5 $\frac{1}{2}$ " x 8 $\frac{1}{2}$ ", A4, B5, A5, 16K (Includes automatic paper size detection function.) Bypass tray: 8 $\frac{1}{2}$ " x 14", 8 $\frac{1}{2}$ " x 13 $\frac{1}{2}$ ", 8 $\frac{1}{2}$ " x 13 $\frac{3}{8}$ ", 8 $\frac{1}{2}$ " x 13", 8 $\frac{1}{2}$ " x 11", 7 $\frac{1}{4}$ " x 10 $\frac{1}{2}$ ", 5 $\frac{1}{2}$ " x 8 $\frac{1}{2}$ ", envelopes, A4, B5, A5, 16K (Includes automatic paper size detection function.) Paper sizes from 3 $\frac{15}{16}$ " x 5 $\frac{53}{64}$ " (100 mm x 140 mm) to 8 $\frac{33}{64}$ " x 14 $\frac{1}{16}$ " (216 mm x 356 mm) can be entered.) |
| Paper Types | Paper drawers: 16-28 lb. bond. Other paper types include: plain, pre-printed, recycled, pre-punched, letterhead, and colour paper. Bypass Tray: 16-28 lb. bond (plain paper), 15-16 lb. (thin paper), 28 lb. bond-110 lb. index (heavy paper), 20-24 lb. (Monarch/Com-10 envelope). Other types include label paper, pre-printed, recycled, pre-punched, letterhead, colour and OHP film. |

Network Printing System

| | |
|---|---|
| PDL | MXC400P: PCL®5c, PCL 6, PostScript 3 compatible, XPS ⁴ ; MXB400P: PCL®5e, PCL 6, PostScript 3 compatible, XPS ⁴ |
| Resolution | 1200 dpi, 600 dpi |
| Print Drivers | CD-ROM: Windows 2000, Windows XP, Windows Server® 2003, Windows Vista®, Windows 7, Windows Server 2008, MAC OS® 9.0-9.2.2, OS-X (including 10.2.8, 10.3.9, 10.4.11, 10.5-10.5.8, 10.6-10.6.1), all MAC PPD |
| Via Download | Windows® 98, Windows ME, Windows NT® 4 (with SP5 or later), Windows XP x64, Windows Server 2003 x64, Windows Vista x64, Windows 7 x64, Windows Server 2008 x64, Windows Server 2008R2, UNIX®, Linux® ⁴ |
| Features | Continuous printing, duplex printing, pamphlet printing, N-up printing, image rotation, different cover page/last page, transparency inserts, carbon copy print mode, fit-to-page, poster print, margin shift, mirror image, watermarks, overlay, confidential print, confidential batch print, disable blank page print, print hold, bypass printing, job priority printing, direct printing, data overwrite and encryption (256 bit) ^{4,5} |
| Direct Printing | Methods: HDD, FTP, SMB, Web Page, E-mail and USB Memory File Types: TIFF, JPEG, PCL, PRN, TXT, PDF, Encrypted PDF, Postscript and XPS ⁴ |
| Resident Fonts | PCL: 80 outline fonts, 28 barcode fonts, 1 bitmap font ⁴ ; PostScript 3 compatible: 136 outline fonts |
| Connectivity | |
| Interface | RJ-45 Ethernet (10Base-T/100Base-TX/1000Base-T), USB 2.0 (Host Port), USB 2.0 (Device Port) |
| Operating Systems | Windows 98, ME, NT4.0, 2000, XP, Server 2003/2008, Vista, 7, MAC OS-9.0, MAC OS-X, Novell® Netware® 3x, 4x, 5x, Sun® OS 4.1x, Solaris® 2x, UNIX, Linux, Citrix® (Metaframe, Presentation Server 4, 4.5) and Windows Terminal Services |
| Network Protocols | TCP/IP (IPv4, IPv6, IPSEC) SSL (HTTP, IPP, FTP, POP3, LDAP), SNMPv3, 802.1x for Windows and Unix. LPD and LPR for UNIX. IPX/SPX® for Novell environments. EtherTalk® and NetBEUI, AppleTalk for Macintosh® environments. |
| Printing Protocols | LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP and Novell Pserver/Rprinter |
| Network Security | IP/Mac address filtering, protocol filtering, port management, user authentication and document administration |
| Security Standards | IEEE 2600TM™-2008, DoD (NISTISSL) #11, DoD Directive 8500.2, DoD (DISA) |
| Firmware Management | Flash ROM with local (USB); network update capability (FTP) and firmware update 1 to N with PAU (Printer Administration Utility); update via Web Page |
| Configuration Method | Web-based management system with user/administrator level login security, cloning (1 to N) with PAU and remote front panel access |
| Service/Maintenance | Remote Front Panel Access to service logs and click counts |
| 500-Sheet Paper Feed Units (Options) | |
| Dimensions | MXCSX1 (tray 2): 21 $\frac{1}{4}$ " (W) x 17 $\frac{1}{4}$ " (D) x 4 $\frac{13}{32}$ " (H) MXCSX2 (tray 3, tray 4): 21 $\frac{1}{16}$ " (W) x 17 $\frac{1}{4}$ " (D) x 4 $\frac{21}{64}$ " (H) |
| Power Supply | Supplied from the machine |

Weight

MXCSX1: Approx. 15.0 lbs.
MXCSX2: Approx. 12.3 lbs.

Inner Finisher (Option)

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|--------------------|--|
| Type | Built-in Finisher |
| Output Capacity | Up-to 280 sheets (Letter/Legal), 20 envelope |
| Output Delivery | Face down |
| Modes | Non-sort, offset sort, staple sort |
| Offset distance | 1" (25 mm) |
| Stapling Media | Plain/Thin/Heavy/Recycled/Letterhead/Pre-punched/Coloured/Preprinted paper |
| Stapling Positions | Single corner position |
| Stapling | 30 sheets (Letter/Legal) |
| Stapled Sets | 10 bundles or 300 sheets (Letter/Legal) |
| Power Source | Supplied from the main unit |
| Weight | Approx. 19.8 lbs. |
| Dimensions | 18 $\frac{2}{3}$ " (W) x 13 $\frac{1}{16}$ " (D) x 6 $\frac{3}{16}$ " (H) When tray is extended: 20 $\frac{1}{2}$ " (W) x 13 $\frac{1}{16}$ " (D) x 6 $\frac{3}{16}$ " (H) |

Optional Equipment

| | |
|-------------|---|
| MXFN12 | Inner Finisher ⁷ |
| MXCV10 | Inner Finisher Cover ⁷ |
| MXCSX1 | 500 sheet Paper Feed Unit for Tray 2 |
| MXCSX2 | 500 sheet Paper Feed Unit for Trays 3 & 4 |
| MXCFABB | Base Plate with locking casters |
| MXCFABD | Deluxe Cabinet with door and locking casters |
| MXPUX1 | XPS Expansion Kit (Requires MXSHP1GBXPS) |
| MXSHP1GBXPS | Expansion Memory 1 GB (Required for MXPUX1) |
| ARPF1 | Bar Code Font Kit |
| MXFR20U | Commercial Data Security Kit (MXC400P) ⁶ |
| MXFR21U | Commercial Data Security Kit (MXB400P) ⁶ |

Supplies MXC400P:

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|----------|--|
| MXC40NTB | Black Toner Cartridge |
| MXC40NTC | Cyan Toner Cartridge |
| MXC40NTM | Magenta Toner Cartridge |
| MXC40NTY | Yellow Toner Cartridge |
| MXC40NVB | Black Developer |
| MXC40NVC | Cyan Developer |
| MXC40NVM | Magenta Developer |
| MXC40NVY | Yellow Developer |
| MXC40NRB | Black Drum Cartridge |
| MXC40NRS | Colour Drum Cartridge |
| MXSCX1 | Staple Cartridge (3 cartridges per carton) |

Supplies MXB400P:

| | |
|----------|--|
| MXB40NT1 | Black Toner Cartridge |
| MXC40NVB | Black Developer |
| MXC40NRB | Black Drum Cartridge |
| MXSCX1 | Staple Cartridge (3 cartridges per carton) |

¹ The actual print area may vary depending on the printer driver and the software application.

² May vary depending on product configuration, machine settings and operating and/or environmental conditions.

³ Paper capacity is based on letter size paper.

⁴ Some features require optional equipment.

⁵ Some features not available on certain print drivers.

⁶ Not available at time of launch.

⁷ MXFN12 and MXCV10 must be ordered together.

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